

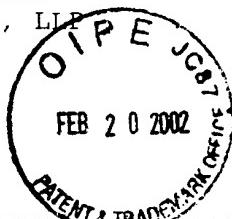
PATENT AND
TRADEMARK OFFICE

DECEMBER 19, 2001

PTAS

OSTROLENK, FABER, GERB & SOFFEN, LLP
JAMES A. FINDER
1180 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036-8403

Under Secretary of Commerce For Intellectual Property and
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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

SAYANAGI, KAZUYA

DOC DATE: 09/25/2001

ASSIGNEE:

SASABATA, AKIHIRO

DOC DATE: 09/27/2001

ASSIGNEE:

SASAKI, YUTAKA

DOC DATE: 09/27/2001

ASSIGNEE:

MURATA MANUFACTURING CO., LTD.
DEPT. A170, 26-10, TENJIN 2-CHOME
CORPORATION-JAPAN
NAGAOKAKYO-SHI, KYOTO-FU 617-8555

JAPAN

SERIAL NUMBER: 09974668

FILING DATE: 10/10/2001

PATENT NUMBER:

ISSUE DATE:

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10-18-2001

P/1071-1451

PATI

101877370 SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Kazuya SAYANAGI
 Akihiro SASABATA
 Yutaka SASAKI

Individuals

Assignment

Execution Date: September 25, 2001 and
 September 27, 2001

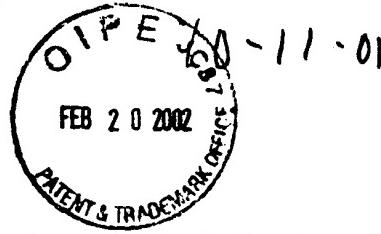
2. Name and Address of receiving party(ies):

Murata Manufacturing Co., Ltd.
 Dept. A170
 26-10, Tenjin 2-chome,
 Nagaokakyō-shi, Kyoto-fu
 617-8555, Japan

Foreign Corporation-Japan

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

September 25, 2001 and
 September 27, 2001

A. Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP
 1180 Avenue of the Americas
 New York, New York 10036-8403

6. Total number of documents involved: 2

7. Total fee (37 CFR 3.41): \$ 40.00

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In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James A. Finder

October 10, 2001

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PATENT APPLICATION ASSIGNMENT -
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.

OFGS FILE NO. P/1071-1451

WHEREAS, I (We), Kazuya SAYANAGI, Akihiro SASABATA and Yutaka SASAKI as assignor(s), have invented certain improvements in HIGH-FREQUENCY CIRCUIT BOARD UNIT, HIGH-FREQUENCY MODULE USING THE SAME UNIT, ELECTRONIC APPARATUS USING THE SAME MODULE, AND MANUFACTURING METHOD FOR THE HIGH-FREQUENCY CIRCUIT BOARD UNIT for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 9/25/2001

Kazuya Sayanagi
Kazuya SAYANAGI

Date: 9/27/2001

Akihiro Sasabata
Akihiro SASABATA

Date: 9/27/2001

Yutaka Sasaki
Yutaka SASAKI

LEGALIZATION RECOMMENDED



UNITED STATES OF AMERICA
COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

OFCS FILE NO.
P/1071-1451

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HIGH-FREQUENCY CIRCUIT BOARD UNIT, HIGH-FREQUENCY MODULE USING THE SAME UNIT, ELECTRONIC APPARATUS USING THE SAME MODULE, AND MANUFACTURING METHOD FOR THE HIGH-FREQUENCY CIRCUIT BOARD UNIT

the specification of which is attached hereto, unless the following box is checked:

was filed on _____ as United States patent Application Number or PCT International patent application number _____ and was amended on _____ (if any).

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I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate or United States provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign or Provisional Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Japan	2000-324080	24 October 2000	YES <input checked="" type="checkbox"/> NO _____
			YES _____ NO _____
			YES _____ NO _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

UNITED STATES APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby appoint customer no. 2352 OSTROLENK, FABER, GERB & SOFFEN, LLP, and the members of the firm, Samuel H. Weiner - Reg. No. 18,510; Jerome M. Berliner - Reg. No. 18,653; Robert C. Faber - Reg. No. 24,322; Edward A. Meilman - Reg. No. 24,735; Steven I. Weisburd - Reg. No. 27,409; Max Moskowitz - Reg. No. 30,576; Stephen A. Soffen - Reg. No. 31,063; James A. Finder - Reg. No. 30,173; William O. Gray, III - Reg. No. 30,944; Louis C. Dujmich - Reg. No. 30,625; Douglas A. Miro - Reg. No. 31,643, and Michael J. Scheer - Reg. No. 34,425, as attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the Patent & Trademark Office connected therewith and to receive all correspondence.

SEND CORRESPONDENCE TO: **OSTROLENK, FABER, GERB & SOFFEN, LLP**
1180 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036-8403
CUSTOMER NO. 2352

DIRECT TELEPHONE CALLS TO:
(212) 382-0700

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR Kazuya SAYANAGI	INVENTOR'S SIGNATURE <i>Kazuya Sayanagi</i>	DATE 9/25/2001
RESIDENCE (City and either State or Foreign Country) Osaka-shi, Osaka-fu	COUNTRY OF CITIZENSHIP Japan	
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CONTINUED ON PAGE 2

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FULL NAME OF SECOND JOINT INVENTOR (IF ANY) Akihiro SASABATA	INVENTOR'S SIGNATURE <i>Akihiro Sasabata</i>	DATE 9/27/2001
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FULL NAME OF SECOND JOINT INVENTOR (IF ANY) Yutaka SASAKI	INVENTOR'S SIGNATURE <i>Yutaka Sasaki</i>	DATE 9/27/2001
RESIDENCE (<i>City and either State or Foreign Country</i>) Yokohama-shi, Kanagawa-ken		COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS c/o Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan		